GOVERNMENT OF INDIA
POWER
LOK SABHA

STARRED QUESTION NO:260
ANSWERED ON:06.08.2015
Demand of Electricity
Tripathi Shri Sharad

Will the Minister of POWER be pleased to state:

(a) whether the Government has assessed the demand of electricity for the next five years;

(b) if so, the details thereof along with the action being taken by the Government to meet the demand;

(c) whether progress of the power projects is being affected due to paucity of funds and if so, the corrective action taken in this regard; and

(d) other steps being taken to meet the future increase in demand?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL AND NEW & RENEWABLE ENERGY

(SHRI PIYUSH GOYAL)

(a) to (d) : A Statement is laid on the Table of the House.

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STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO.260 TO BE ANSWERED IN THE LOK SABHA ON 06.08.2015 REGARDING DEMAND OF ELECTRICITY.
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(a) & (b) : As per 18th Electric Power Survey (EPS) Report brought out by Central Electricity Authority, the Electric Energy Requirement (EER) and Annual Peak Electric Load (APEL) of the country for the next five years is given below:

Year Electrical Energy Requirement (MU) Annual Peak Electric Load (MW)
2015-16 1257589 183902
2016-17 1354874 199540
2017-18 1450982 214093
2018-19 1552008 229465
2019-20 1660783 246068

Generation capacity addition has been planned to meet the rising demand of electricity in the country. Generation capacity addition target during 12th Five Year Plan (2012-17) is 88,537 MW from conventional sources, in addition, a capacity of 30,000 MW has been planned from Renewable Energy Sources.

(c) : A few generation projects are stalled and progress of few generation projects is slow due to paucity of funds. Various measures to enhance investment in infrastructure including power are being taken by the Government. Some of the measures specific to the power sector are given below:

â€¢ Rs.100 crore allocated for preparatory work for a new scheme "Ultra- Modern Super Critical Coal Based Thermal Power Technology," to promote cleaner, more efficient thermal power.

â€¢ The 10 year tax holiday has been extended to the undertakings which begin power generation, distribution and transmission by 31.03.2017 to help investors plan investments better.

â€¢ A scheme of financing restructuring of distribution companies was launched with central assistance through a transition finance mechanism to enable restoration of their financial health.

â€¢ The National Electricity Fund was constituted in March 2012 to provide interest subsidy on loans disbursed to State power utilities.

â€¢ Private sector participation in transmission sector is facilitated by identifying projects for implementation through tariff based competitive bidding.

(d) : Some of the measures taken to meet the increased demand of electricity are as under :

â€¢ Thrust is being accorded to power generation from renewable energy sources. Government has set a target of 175,000 MW of Renewable Energy by the year 2022.

â€¢ Renovation, modernization and life extension of old, inefficient generating units is being carried out to improve efficiency and better availability of generating units.

â€¢ Efforts have been made to enhance the supply of domestic coal to power plants.

â€¢ Government of India has sanctioned a scheme for utilization of gas based power generation capacity for the years 2015-16 and 2016-17.

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